GPS

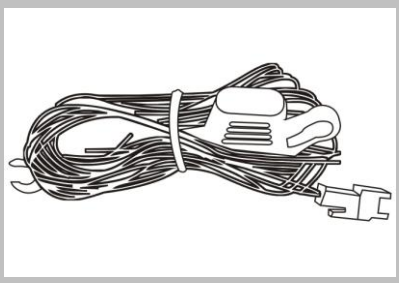
VEHICLE TRACKER

User Manual

（Version 1.7T）

Please read this manual carefully before attempting installation and online activation. Pictures are for indication and illustration purposes only.

1. Accessories



Battery cables (standard)

2. Specification

GSM: 850/900/1800/1900 Mhz

GPRS: Class 12, TCP/ IP

Voltage: 9-36vDC

Current: ≈22mA (12vDC)

≈12mA (24vDC)

GPS positioning time: Cold start 38sec (open sky)

Warm start 32sec

Hot start 2sec (open sky)

GPS positioning precision: 10m (2DRM)

Temperature: -30℃ ~ +70℃

Humidity: 20% ~ 80% RH

Dimension: 86.6(L)x44.0(W) x13.6(H)mm

Weight: 50.5g

3. Function setting

Remarks: If you take device to your country, please change the APN parameter of the device (through sending SMS). You can ask your GSM operator for APN.

Please SMS "**APN,666666,APN name#**" and "**SERVER,666666,1, www.gpsluckly.com,88,0#**" SIM card number which used in the device.

3.1 Location search methods: GPRS background/ SMS

3.2 We based service platform: www.gpsyeah.com

3.3 Vehicle location information auto-uploading

The GPRS time sending interval can be set to between 10s and 18000s. The factory default setting for location updates is set at 10s.

3.4 Modification of GPRS time sending interval

SMS "**TIMER,666666,time(second)#**" to the corresponding SIM number of device. 10s is in minimum and 18000s (5 hours) is in maximum.

3.5 Modification of password

SMS "**PASSWORD,old password (6 digits), new password (6 digits)#**".

The default password is 666666

3.6 Checking location via SMS

3.6.1 SMS "**WHERE,666666#**", to the SIM number of device. The device will send a location message automatically.

This coordinate can be put into Google map directly and you can get the address.

3.6.2 SMS "**URL,666666#**", to the SIM number of device. The device will send a location Google Map link.

4. Status indicator

4.1 Red LED (power/working status)

LED Status	**Meaning**
Flashing	Power supply indicator, working normally
Continuously in bright state	Not working normally
Continuously in dark state	Power off / internal fault

4.2 Blue LED（GPS status）

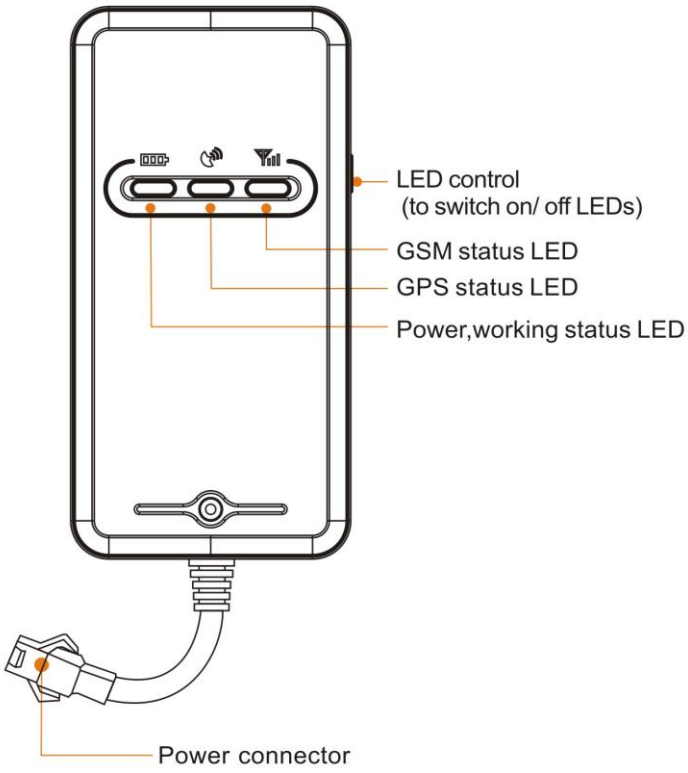
LED Status	**Meaning**
Flashing (interval 0.1s)	Searching GPS signal

Continuously in bright state	GPS located
Continuously in dark state	GPS not located

4.3 Green LED(GSM status indicator)

LED Status	**Meaning**
Quick flashing	GSM initialization
Continuously in bright state	GSM conversation/Start GPRS
Continuously in dark state	No GSM signal

5. Device interface introduction



6. Method of installation

6.1 Preparation before installation

1) Open the packing box to check whether the type of device is correct and whether the accessories are included.
2) This product is a high-tech electronic device, installation should be undertaken by a professional.
3) Please follow the following procedures to install your device. During installation, there should be no power to the device.
4)

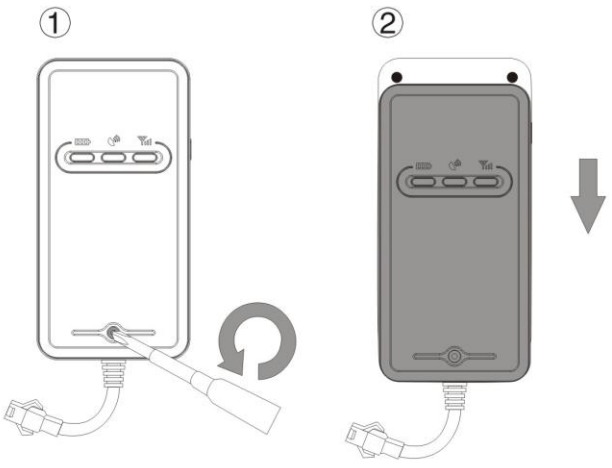
6.2 Installing SIM card: each device needs to insert a GSM SIM card. The SIM card used should be enabled for GPRS.

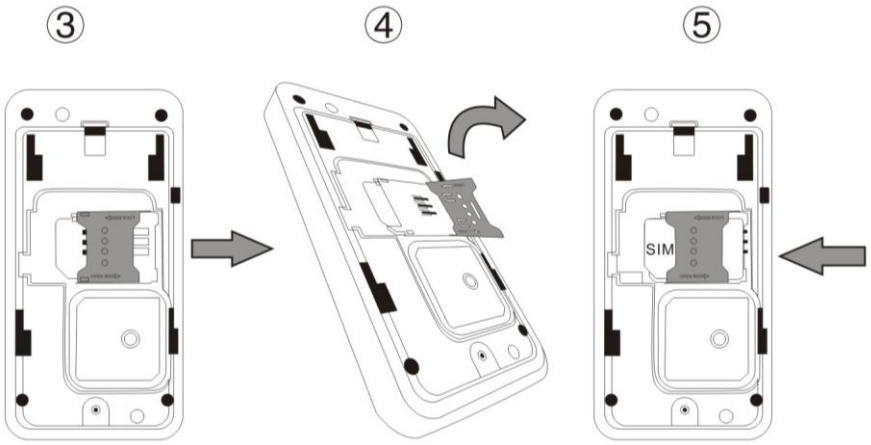
1)Testing SIM card: to test SIM card, please install it into a normal GSM mobile and ensure it can send and receive SMS, and enables for GPRS.

If there is an access password, or pin, please cancel it;

Testing GPRS network connection

2) Installing SIM card:

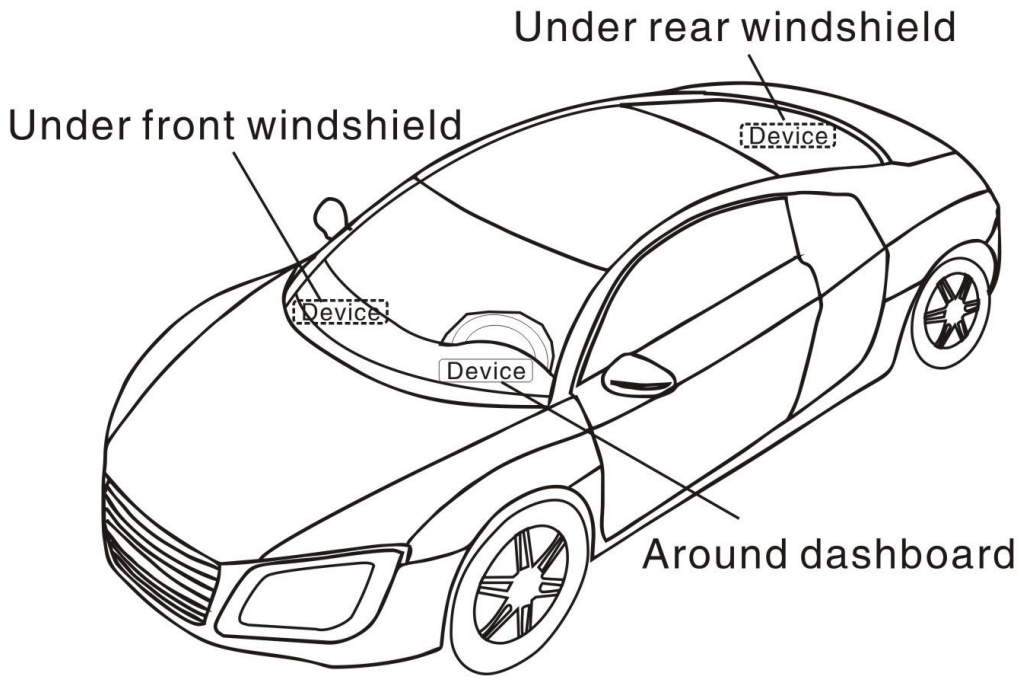




6.3 Selecting installation place and fixing it. There are two kinds of installation: covert and non covert. If you need the covert installation, please refer installation to an auto electrical contractor.

NOTE:

1) To prevent theft of the device, the device should be installed as covertly as possible.
2) Avoid placing the device close to higher power electrical devices, such as reversing radar, anti-theft device or other vehicle communication equipment.
3) The device should be fixed into position with cable ties or wide double-side tape.
4) Your device has built-in GSM antenna and GPS antenna. During installation, please make sure the receiving side face is up, with no metal object above the device to interfere with GPS reception. The following places are suggested for installation:



- under the dash board below the front windshield;

- in the parcel shelf in the rear;

- in the front bumper(non-material face), please ensure the device cannot get wet;

- Under the wiper version (non-metal), please ensure the device cannot get wet;

Notice: if the windshield is pasted with metal thermal-protective coating, it may affect the performance of the device. In this case, please change the installation place after consulting the professional.

5) Non Covert Installation,

Firstly fix the device on the dash board below windshield.

7. Cautions of device wiring

7.1 The standard voltage is 9V-36V, the red wire is the positive, the black wire is the negative.

7.2 Please connect the black wire to ground.

7.3 After connecting the power cord, run the power cord plug to the device. After installation, supply power to device.

7.4 Covert installation: car battery cord is standard, with 2A FUSE for short-circuit over current protection.

7.5 Non covert installation: cigar lighter cord is optional, with 2A FUSE for short-circuit over current protection. Please contact your dealer if this mode is needed.

8. Power on/off

8.1 The device will power on automatically when connected to power. During normal operation, red power LED flashes, while blue GPS LED and green GSM LED keep lighting. During signal searching process, GPS or GSM LED will flash. If there is no light presenting on LEDs, the device is not working normally.

8.2 The device will power off after power is disconnected.

9. Side key function

At normal-work indication status, press the side key, all the three LEDs will extinguish and then the device will enter covert working mode. Press the key again, the three LEDs will go back to normal-work indication status.

10. GPS trouble shooting

10.1 If GPS can not receive the signals normally, please drive to the open areas for positioning. Generally, it needs 1-2 minutes to receive the first coordinates. If the data can not be received after 2-3 minutes, please check the installation position of the device, making sure it is not being shielded by any metal.

10.2 If GSM can not receive the signals normally, please check whether SIM card is installed correctly or there is no GSM signal at the location you are, such as a basement parking, please drive to a place covered by GSM signal reception.

10.3 If the red LED does not work when power is connected, please check whether the fuse is blown. If so, please replace the fuse.

10.4 If the three LEDs do not turn on when power up, press the down

side key, if the three LEDs recover normally, the device is working normally.

10.5 If you have enabled the web based tracking application, and the device displays off-line on the platform, please check 3 LEDs status indicators first. You can check the status of the SIM card when you are in an inconvenient situation. Please refer to the following steps:

1) Call the SIM card number of the device to check whether you can get through.
2) Check whether the SIM card supports GPRS and a local APN.
3) Check the GSM/GPS reception area.
4) Check whether your SIM card charge is overdue.
5) Check if the connector and terminal is loose or the fuse has blown out.

11. Web Based Tracking Online activation

The GPRS web based tracking platform allows real time tracking with the latest Google maps. There is also a playback feature that allows you to view where the vehicle has been for up to 30 days in the past making it ideal for fleet management.